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10/584,876	06/29/2006	Anthony Bonnet	FR-AM2003 NP	7921
31684 7590 11/19/2010				
ARKEMA INC. PATENT DEPARTMENT - 26TH FLOOR 2000 MARKET STREET PHILADELPHIA, PA 19103-3222				
EXAMINER				
PAUL, JESSICA MARIE				
ART UNIT		PAPER NUMBER		
1767				
NOTIFICATION DATE		DELIVERY MODE		
11/19/2010		ELECTRONIC		

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

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## **DETAILED ACTION**

### ***Response to Amendment***

The amendments to the claims will not be entered because the scope of the claims is changed; new issues are raised which would require a further search and/or consideration before determination of allowability could actually be rendered. Applicants' have amended instant claim 1 to include the limitation requiring the fluoropolymer comprising a poly(vinylidene fluoride) (PVDF) homopolymer or copolymer from previous claim 12. Furthermore, dependent claims 2, 4, and 7-11 previously depended on the limitations of claim 1, not the combination of previous claims 1 and 12.

### ***Response to Arguments***

Applicant's arguments filed 11/2/2010 have been fully considered but they are not persuasive.

While arguments to the not entered amendments will not be addressed below, applicant's arguments pertaining to the finally rejected claims will be discussed for further clarification.

In response to applicants' arguments that there is nothing in Gotcher et al. to suggest that they are functional equivalents or that they would be interchangeable in any process or formulation. The examiner points out that Gotcher et al. teaches melt-processible fluorocarbon polymer compositions, wherein after irradiation, affords properties useful as shaped articles, especially wear constructions, which exhibit enhanced mechanical properties both at room and at elevated temperatures [col1,

line61-65]. Thus the fluoropolymers, as set forth by Gotcher et al. (ETFE and PVDF) are functional equivalents for producing fluoropolymer composition suitable for wire constructions.

Furthermore, Mimura et al. (EP 1227134), as cited on IDS, provides evidence that ETFE and PVDF are suitable in crosslinking by using irradiation, for use in the field of electric cables [0005]. Galle et al. (EP 0163825), as cited on IDS, also provides evidence that ETFE and PVDF [p2, line59-63] are suitable radiation crosslinkable fluoropolymers, because they possess a combination of mechanical, dielectric, and chemical properties, which make them useful as electrical insulation material (e.g. wire coatings) [p2, line2-6].

### ***Correspondence***

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Jessica Paul whose telephone number is (571)270-5453. The examiner can normally be reached on Monday thru Friday 8:00- 6:00p; alternate Fridays off.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Mark Eashoo can be reached on 571-272-1197. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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